

Please type a plus sign (+) inside this box → | +

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of Sheet

Complete if Known					
Application Number 09/912,262					
Filing Date	JULY 24, 2001				
First Named Inventor	ROGER L. SCHULTZ				
Group Art Unit	UNASSIGNED				
Examiner Name	UNASSIGNED				
Attorney Docket Number	2000IP000069U1USA				

				U.S. PATENT DOCI	UMENTS			
Examiner Initials*	Cite No.1	U.S. Patent Document Kind Code ² (if known)		Number Kind Code ²		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TIN		5,982,708		PEARCE	11-09-99	-		
1/		4,669,068		KLATT	05-26-87			
V		4,387,318		KOLM et al.	06-07-83	***************************************		
			- -					

FOREIGN PATENT DOCUMENTS								
Examiner Initials*			oreign Patent Docu		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY		T ⁶
W		wo	97/01018	Α	BAKER HUGHES	01-09-97		
		 -						
								-
								-
								+
								1

Examiner	010 1	Date	alanlin
Signature	/ West	Considered	9/30/02
	· · · · · · · · · · · · · · · · · · ·		

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.